

Title (en)  
POROUS MEDIUM PARAMETER MEASUREMENT DEVICE

Title (de)  
VORRICHTUNG ZUR MESSUNG DER PARAMETER EINES PORÖSEN MEDIUMS

Title (fr)  
DISPOSITIF DE MESURE DE PARAMÈTRE DE MILIEU POREUX

Publication  
**EP 3867622 A4 20220727 (EN)**

Application  
**EP 19873472 A 20190930**

Priority  
• US 201862747917 P 20181019  
• CA 2019051395 W 20190930

Abstract (en)  
[origin: WO2020077440A1] The present technology generally relates to a porous medium parameter measurement device. The porous medium parameter measurement device comprises: a liquid permeable portion comprising a fluid permeable component and a polymer swellable solution; and comprises a gas permeable portion comprising a gas permeable component. The liquid permeable portion is in operative communication with the gas permeable portion through the gas permeable component; and the gas permeable component acts to purge gases from the liquid permeable component and the polymer swellable solution.

IPC 8 full level  
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CPC (source: EP US)  
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**G01N 33/246** (2013.01 - EP); **G01N 33/246** (2013.01 - US)

Citation (search report)  
• [E] EP 3655755 A1 20200527 - I DRIPPER LTD [IL]  
• [A] US 2002112531 A1 20020822 - HUBBELL JOEL M [US], et al  
• [A] US 6308563 B1 20011030 - HUBBELL JOEL M [US], et al  
• [A] US 6782909 B1 20040831 - RAGLESS CLIVE LINDSAY [AU]  
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• [A] JP 2014041054 A 20140306 - JAPAN ATOMIC ENERGY AGENCY, et al  
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• See also references of WO 2020077440A1

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Designated contracting state (EPC)  
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)  
**WO 2020077440 A1 20200423**; AU 2019360360 A1 20210415; BR 112021006738 A2 20210713; CA 3114766 A1 20200423;  
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EP 3867622 C0 20240515; EP 4407311 A2 20240731; EP 4407311 A3 20241002; ES 2980809 T3 20241003; US 11703438 B2 20230718;  
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**CA 2019051395 W 20190930**; AU 2019360360 A 20190930; BR 112021006738 A 20190930; CA 3114766 A 20190930;  
CL 2021000949 A 20210416; CN 201980068562 A 20190930; EP 19873472 A 20190930; EP 24174684 A 20190930; ES 19873472 T 20190930;  
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